

L Number	Hits	Search Text	DB	Time stamp
130	20	((laser near (device or semiconductor) and (clad\$6 near (region or layer or medium or film)) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice))) and (conduction with (band or group))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 15:40
137	20	((laser near (device or semiconductor)) and (clad\$6 near (region or layer or medium or film)) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate or heterostructure or sch or confinement) near (region or layer or medium or film)) and (refractive near (index or indice)) and (conduction with (band or group))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 15:56
144	8	((laser near (device or semiconductor)) and (clad\$6 near (region or layer or medium or film)) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate or heterostructure or sch or confinement) near (region or layer or medium or film)) and (refractive near (index or indice)) and (conduction with (band or group))) and (Fermi near level)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 16:18
151	7	((laser near (device or semiconductor)) and ((clad\$6 near (region or layer or medium or film)) with (conduction with (band or group)))) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate or heterostructure or sch or confinement) near (region or layer or medium or film)) and (refractive near (index or indice))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 16:00
165	8	((laser near (device or semiconductor)) and (clad\$6 near (region or layer or medium or film)) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate or heterostructure or sch or confinement) near (region or layer or medium or film)) and (refractive near (index or indice)) and (conduction with (band or group))) and (Fermi)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 16:12
158	8	((laser near (device or semiconductor)) and ((clad\$6 near (region or layer or medium or film)) same (conduction with (band or group)))) and (optical near guid\$6 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate or heterostructure or sch or confinement) near (region or layer or medium or film)) and (refractive near (index or indice))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 16:20
179	1	((dx adj level)) and (clad\$6 near (region or layer or film or medium)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:13
186	2	((dx adj level)) and (clad\$6 near (region or layer or film or medium))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:09
193	1	((dx adj level)) and (clad\$6 near (region or layer or film or medium)) and ((heterostructure or sch or confinement) near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:09
172	15	(dx adj level)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:11

214	141	(dx adj (center or level))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:16
221	8	((dx adj (center or level))) and (clad\$6 near (region or layer or film or medium)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:22
228	1206	((dx or (Donor Complex)) adj (center or level))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:17
235	9	(((dx or (Donor Complex)) adj (center or level))) and (clad\$6 near (region or layer or film or medium)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:19
242	0	(((dx or (Donor Complex)) adj (center or level))) same (clad\$6 near (region or layer or film or medium)) same ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:20
-	27	laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (confinement near (region or layer or medium or film)) and refractive near (index or indice)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/12 09:18
-	22	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (confinement near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 07:59
-	22	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (confinement near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/22 11:09
-	36	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 15:28
-	314	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (waveguide or guide or optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/12 09:19
-	36	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 07:09

	33	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (conduction or band or group)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 15:35
	10	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (conduction near(band or group))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:30
	0	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (conduction near(band or group))) and (DX near level) and (fermi near level)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:37
	0	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (conduction near(band or group))) and ((DX near level) or (fermi near level)) and bandgap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:40
	8	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (conduction near(band or group))) and (((DX near level) or (fermi near level)) or bandgap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:40
	0	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (((DX near level) or (fermi near level)) or bandgap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:40
	11	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (((DX near level) or (fermi near level)) or bandgap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:46
	11	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (((DX near level) or (fermi near level)) or bandgap)) and (clad\$ near\$4 bandgap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:48

-	0	((laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice)) AND 372/\$) and (((DX near level) or (fermi near level)) or bandgap)) and (clad\$ near bandgap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 13:48
-	1	("4916708").PN.	USPAT	2002/01/23 14:04
-	1	(("4916708").PN.) and (AlGaInP)	USPAT;	2002/01/23 14:04
-	0	(dx adj level) and 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 17:01
-	1	(dx near level) and 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 14:55
-	0	(dx near level) and (fermi near level) and 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 14:55
-	3	(laser near (device or semiconductor) and (clad\$ near (region or layer or medium or film)) and (optical near guid\$ near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and (lower near refractive near (index or indice))) AND 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 15:42
-	3	("5753933").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/23 15:44
-	587	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and refractive near (index or indice))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 07:45
-	166	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and low\$ near refractive near (index or indice))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 07:48
-	166	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and (low\$ near refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 09:04
-	119	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and (low\$ near refractive near (index or indice)))) and 372/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 07:55

	85	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and (low\$ near refractive near (index or indice))) and \$72/\$ and ((optical near guid\$ near (region or layer or medium or film)) or waveguide or wavelength)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 08:01
	8	((clad\$ near (region or layer or medium or film)) and ((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) and (low\$ near refractive near (index or indice))) and \$72/\$ and (optical near guid\$ near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 09:10
	39	((clad\$ near (region or layer or medium or film)) and (((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) WITH (low\$ near refractive near (index or indice))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 09:08
	29	((clad\$ near (region or layer or medium or film)) and (((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) WITH (low\$ near refractive near (index or indice)))) and \$72/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 09:09
	0	((clad\$ near (region or layer or medium or film)) and (((graded or separate near confinement near heterostructure or sch or confinement) near (region or layer or medium or film)) WITH (low\$ near refractive near (index or indice)))) and \$72/\$ and (optical near guid\$ near (region or layer or medium or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/24 09:11
	1	("5425042").PN.	USPAT	2002/01/29 10:25
	14	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and ((confinement near (region or layer or medium or film)) same (refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 15:30
	20	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (((confinement or graded) near (region or layer or medium or film)) same (refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/12 09:37
	4	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (((confinement or graded) near (region or layer or medium or film)) near (refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/12 09:40
	15	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (((confinement or graded) near (region or layer or medium or film)) with (refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/15 03:32
	2	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (((confinement or graded) near (region or layer or medium or film)) with (low\$4 near2 refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/15 03:37
	8	laser near (device or semiconductor) and (clad\$5 near (region or layer or medium or film)) and (optical near guid\$5 near (region or layer or medium or film)) and (active near (region or layer or medium or film)) and (((confinement or graded) near (region or layer or medium or film)) with ((low\$4 or small\$5) near2 refractive near (index or indice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/15 03:41